

A B S T R A C T

The method of determining the stopped angular position of a rotor comprises the following steps:

- 5 a) applying a sequence of successive voltage vectors to the terminals of the windings of the stator, said sequence including first and second voltage vectors adapted to modify the electrical characteristics of the windings and a third voltage vector adapted to cancel out
10 the torque created by applying the first and second voltage vectors,
- b) determining a response signal from all of the windings to application of the first and second voltage vectors, and
- 15 c) establishing the angular position of the rotor with an uncertainty of $\pm 90^\circ$ from the signals determined in the step b).